



Gulf of Mexico Harmful Algal Bloom Bulletin

16 January 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: November 8, 2006

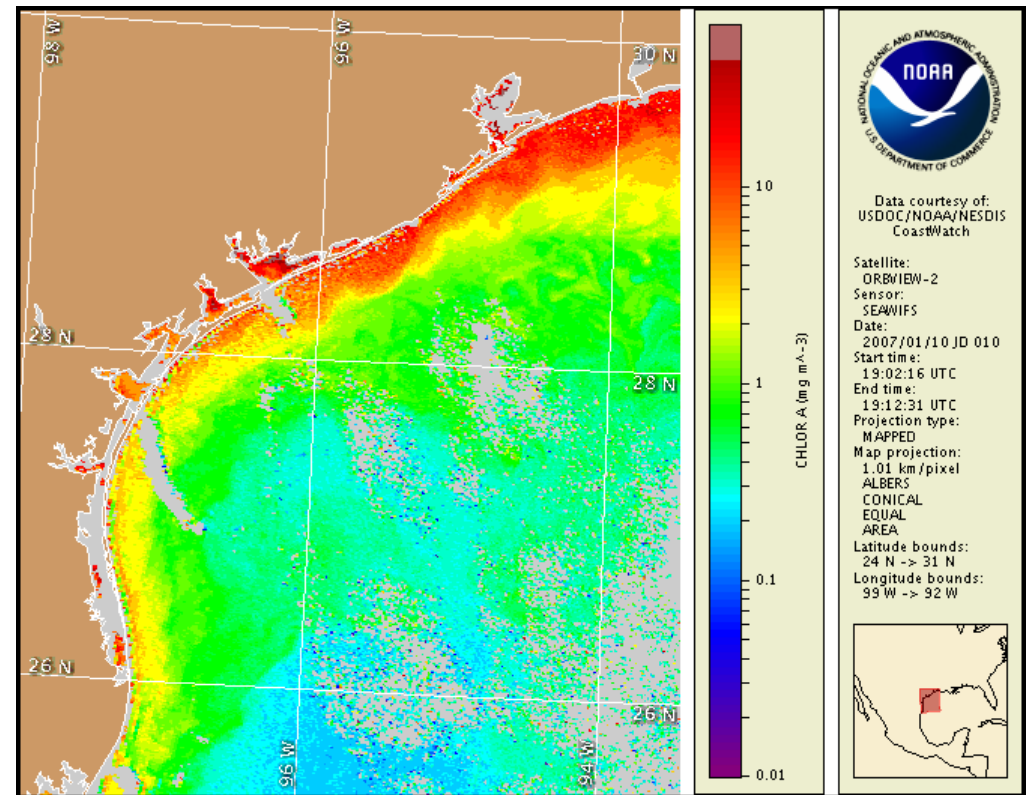
Conditions Report

There have been no recent reports of red tide. No impacts are expected in Texas. Check with the Department of Health Services for shellfish conditions.

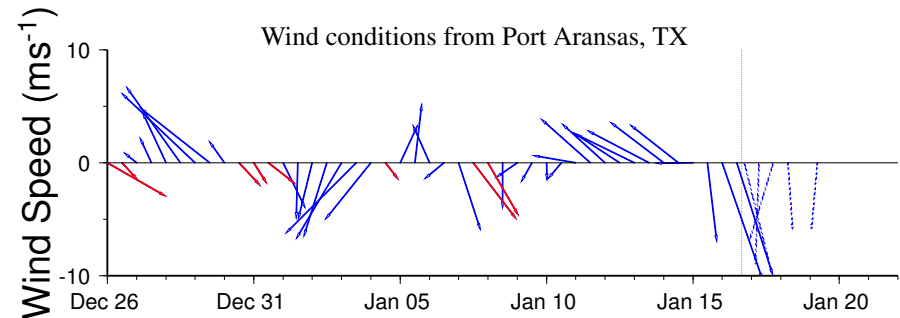
Analysis

There are no reports of red tide, and no impacts are expected onshore along the Texas coast. High chlorophyll from Sabine down to Matagorda Bay is likely Mississippi River Water. There was no clear imagery available over the past few days, so imagery used here was from January 10.

-Lopez and Shapiro



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from January 7-11 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: <http://research.myfwc.com>

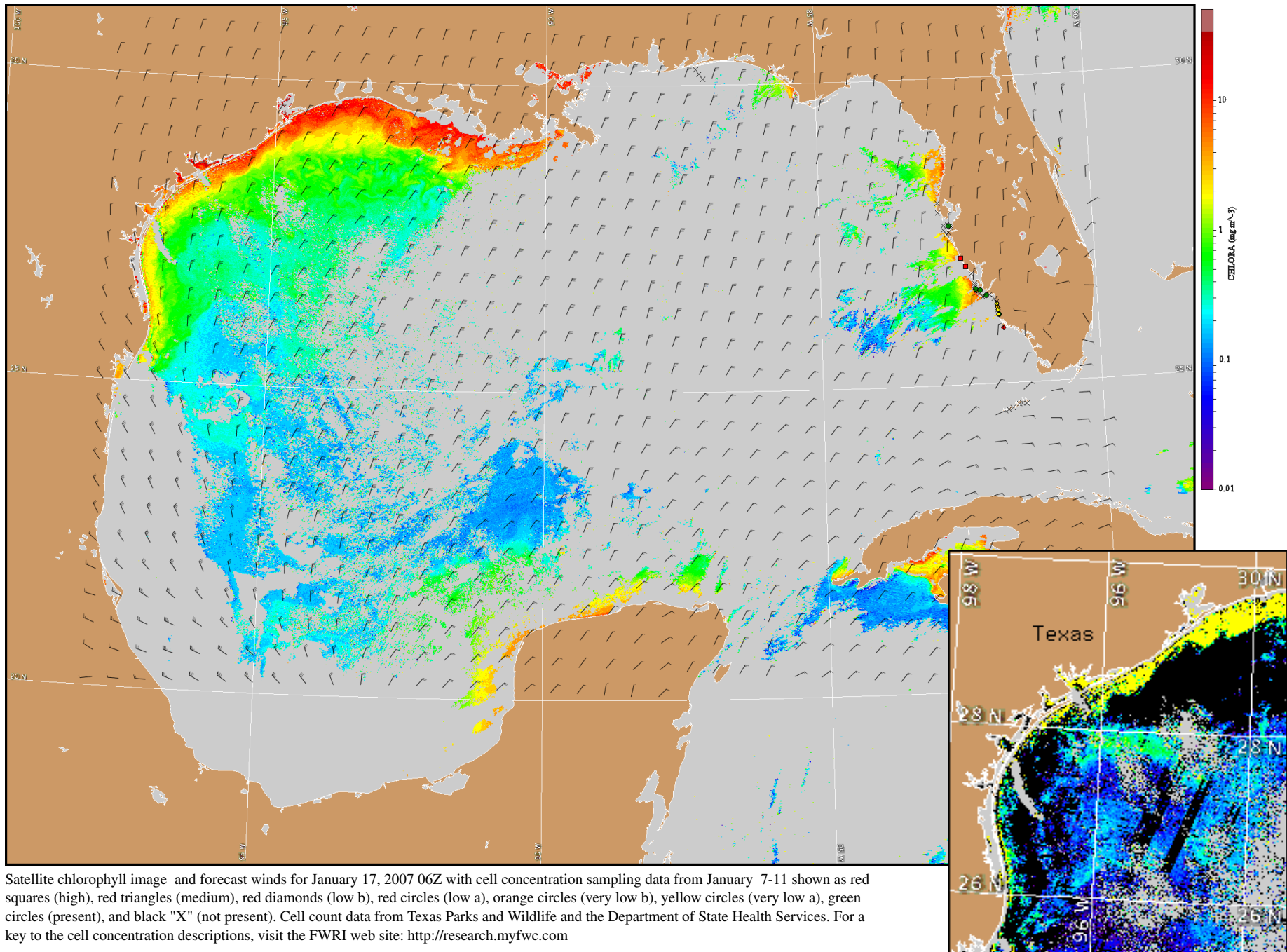


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Strong north winds today at 25 to 30 knots (13-15 m/s). Wednesday and Thursday, north winds will persist around 15-20 knots (8-10 m/s)

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).